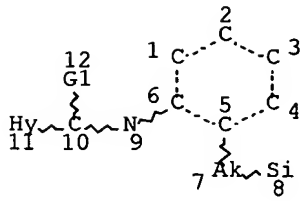
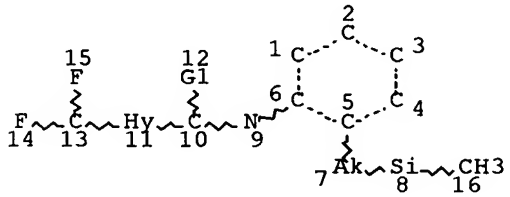
L1 STR



VAR G1=O/S/N
NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 12

STEREO ATTRIBUTES: NONE
L2 86 SEA FILE=REGISTRY SSS FUL L1
L16 STR

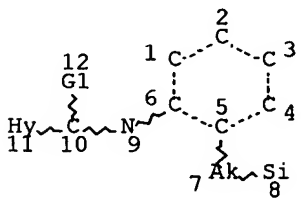


VAR G1=O/S/N
NODE ATTRIBUTES:
CONNECT IS X3 RC AT 13
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED
ECOUNT IS E3 C E2 N AT 11

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 16

STEREO ATTRIBUTES: NONE
L17 10 SEA FILE=REGISTRY SUB=L2 SSS FUL L16

L9 STR



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VAR G1=O/S/N
NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
MLEVEL  IS CLASS  AT   7 11
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GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS  12

STEREO ATTRIBUTES: NONE

ATTRIBUTES SPECIFIED AT SEARCH-TIME:
ECLEVEL IS LIM ON ALL NODES
ALL RING(S) ARE ISOLATED

L11          55 SEA FILE=MARPAT SSS FUL L9 (MODIFIED ATTRIBUTES)

     FILE 'REGISTRY' ENTERED AT 11:27:52 ON 19 DEC 2007
               ACT QAZ509/A
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L1               STR
L2           86 SEA SSS FUL L1
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               D QUE STAT

     FILE 'CAPLUS' ENTERED AT 11:28:08 ON 19 DEC 2007
L3            5 SEA ABB=ON  PLU=ON  L2
L4            5 SEA ABB=ON  PLU=ON  L3 AND PATENT/DT
L5            4 SEA ABB=ON  PLU=ON  L4 AND (PY<2004 OR AY<2004 OR PRY<2004)
               SEL HIT L5 1-4 RN
               D 1-4

     FILE 'REGISTRY' ENTERED AT 11:29:23 ON 19 DEC 2007
L6           82 SEA ABB=ON  PLU=ON  (362639-08-5/BI OR 607374-54-9/BI OR
                607374-55-0/BI OR 607374-56-1/BI OR 607374-57-2/BI OR
                607374-58-3/BI OR 607374-59-4/BI OR 607374-60-7/BI OR
                607374-61-8/BI OR 607374-62-9/BI OR 607374-63-0/BI OR
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                607375-20-2/BI OR 668491-42-7/BI OR 668491-43-8/BI OR
                668491-58-5/BI OR 668491-59-6/BI OR 852342-51-9/BI OR
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                852342-67-7/BI OR 852342-83-7/BI OR 852342-99-5/BI OR
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                852343-48-7/BI OR 852343-62-5/BI OR 852343-76-1/BI OR
                852344-61-7/BI OR 852344-73-1/BI)
                D QUE
                D 1-82 REG
                D 1,3,9,13,17,23,38,47,53,65,77,82 IDE CAN

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L7            0 SEA ABB=ON  PLU=ON  L2

     FILE 'MEDLINE, BIOSIS, EMBASE' ENTERED AT 11:31:06 ON 19 DEC 2007
L8            0 SEA ABB=ON  PLU=ON  L2

     FILE 'MARPAT' ENTERED AT 11:31:10 ON 19 DEC 2007
L9              STR L1
L10           1 SEA SSS SAM L9 (MODIFIED ATTRIBUTES)
L11          55 SEA SSS FUL L9 (MODIFIED ATTRIBUTES)
                D QUE STAT

     FILE 'CAPLUS' ENTERED AT 11:31:59 ON 19 DEC 2007
L12          55 SEA ABB=ON  PLU=ON  L11
L13          52 SEA ABB=ON  PLU=ON  L12 NOT L5
L14          35 SEA ABB=ON  PLU=ON  L13 AND (PY<2004 OR AY<2004 OR
                PRY<2004)

     FILE 'MARPAT' ENTERED AT 11:32:38 ON 19 DEC 2007
L15          35 SEA ABB=ON  PLU=ON  L14
                D 1-35

     FILE 'REGISTRY' ENTERED AT 11:34:29 ON 19 DEC 2007
L16             STR L1
L17          10 SEA SUB=L2 SSS FUL L16
                D QUE STAT

     FILE 'CAPLUS' ENTERED AT 11:35:53 ON 19 DEC 2007
L18           1 SEA ABB=ON  PLU=ON  L17
L19           1 SEA ABB=ON  PLU=ON  L18 AND (PY<2004 OR AY<2004 OR
                PRY<2004)
L20           0 SEA ABB=ON  PLU=ON  L19 NOT L5

     FILE 'CAPLUS, MEDLINE, BIOSIS, EMBASE, WPIX, JAPIO, PASCAL, DISSABS'
     ENTERED AT 11:36:57 ON 19 DEC 2007
L21         190 SEA ABB=ON  PLU=ON  "EHRENFREUND J"?/AU
L22        1681 SEA ABB=ON  PLU=ON  "JUNG P"?/AU
L23         621 SEA ABB=ON  PLU=ON  "TOBLER H"?/AU
L24        5056 SEA ABB=ON  PLU=ON  "WALTER H"?/AU
L25           2 SEA ABB=ON  PLU=ON  L21 AND L22 AND L23 AND L24
L26          59 SEA ABB=ON  PLU=ON  L21 AND (L22 OR L23 OR L24)
L27           2 SEA ABB=ON  PLU=ON  L22 AND (L23 OR L24)
L28          61 SEA ABB=ON  PLU=ON  L23 AND L24
L29          20 SEA ABB=ON  PLU=ON  ((L21 OR L22 OR L23 OR L24) OR L26 OR
                L28) AND (?PHENYLAMIDE? OR (?PHENYL OR PH)(W) AMIDE?)
L30           3 SEA ABB=ON  PLU=ON  L29 AND (SI OR SILICON?)
L31           3 SEA ABB=ON  PLU=ON  L25 OR L27 OR L30
L32           2 DUP REM L31 (1 DUPLICATE REMOVED)
                D 1-2 IBIB ABS

     FILE 'HOME' ENTERED AT 11:40:42 ON 19 DEC 2007
                D QUE L2
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D QUE L11

FILE REGISTRY
Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 18 DEC 2007 HIGHEST RN 958693-84-0
DICTIONARY FILE UPDATES: 18 DEC 2007 HIGHEST RN 958693-84-0

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TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

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REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

FILE CAPLUS

FILE COVERS 1907 - 19 Dec 2007 VOL 147 ISS 26
FILE LAST UPDATED: 18 Dec 2007 (20071218/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply They are available for your review at:

http://www.cas.org/infopolicy.html

FILE CAOLD
FILE COVERS 1907-1966
FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file supports REG1stRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

FILE MEDLINE
FILE LAST UPDATED: 18 Dec 2007 (20071218/UP). FILE COVERS 1950 TO DA

MEDLINE has been updated with the National Library of Medicine's revised 2008 MeSH terms. See HELP RLOAD for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

FILE BIOSIS
FILE COVERS 1926 TO DATE.
CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT
FROM JANUARY 1926 TO DATE.

RECORDS LAST ADDED: 12 December 2007 (20071212/ED)

BIOSIS has been augmented with 1.8 million archival records from 1926 through 1968. These records have been re-indexed to match current BIOSIS indexing.

FILE EMBASE
FILE COVERS 1974 TO 19 Dec 2007 (20071219/ED)

EMBASE is now updated daily. SDI frequency remains weekly (default) and biweekly.

This file contains CAS Registry Numbers for easy and accurate substance identification.

Beginning January 2008, Elsevier will no longer provide EMTREE codes as part of the EMTREE thesaurus in EMBASE. Please update your current-awareness alerts (SDIs) if they contain EMTREE codes.

For further assistance, please contact your local helpdesk.

FILE MARPAT
FILE CONTENT: 1961-PRESENT VOL 147 ISS 25 (20071218/ED)

SOME MARPAT RECORDS ARE DERIVED FROM INPI DATA FOR 1961-1987

MOST RECENT CITATIONS FOR PATENTS FROM MAJOR ISSUING AGENCIES
(COVERAGE TO THESE DATES IS NOT COMPLETE):

US 2007255057 01 NOV 2007
DE 102006018912 25 OCT 2007
EP 1849853 31 OCT 2007
JP 2007288033 01 NOV 2007
WO 2007125587 08 NOV 2007
GB 2437429 24 OCT 2007
FR 2900154 26 OCT 2007
RU 2307835 10 OCT 2007
CA 2584745 13 OCT 2007

Expanded G-group definition display now available.

Effective December 15th the iteration and answer limits in MARPAT have increased from 100,000 to 200,000 for both on-line and batch searches. For more information on MARPAT search limits, type HELP

SLIMITS at an arrow prompt.

FILE WPIX
FILE LAST UPDATED: 7 DEC 2007 <20071207/UP>
MOST RECENT THOMSON SCIENTIFIC UPDATE: 200779 <200779/DW>
DERWENT WORLD PATENTS INDEX SUBSCRIBER FILE, COVERS 1963 TO DATE

>>> IPC Reform backfile reclassification has been loaded to September 2007. No update date (UP) has been created for the reclassified documents, but they can be identified by 20060101/UPIC and 20061231/UPIC, 20070601/UPIC and 20071001/UPIC. <<<

FOR A COPY OF THE DERWENT WORLD PATENTS INDEX STN USER GUIDE, PLEASE VISIT:
http://www.stn-international.de/training_center/patents/stn_guide.pdf

FOR DETAILS OF THE PATENTS COVERED IN CURRENT UPDATES, SEE
http://scientific.thomson.com/support/patents/coverage/latestupdates/

EXPLORE DERWENT WORLD PATENTS INDEX IN STN ANAVIST, VERSION 2.0:
http://www.stn-international.com/archive/presentations/DWPIAnaVist2_07

>>> XML document distribution format now available.
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FILE JAPIO
FILE LAST UPDATED: 29 OCT 2007 <20071029/UP>
FILE COVERS APRIL 1973 TO JULY 26, 2007

>>> GRAPHIC IMAGES AVAILABLE <<<

FILE PASCAL
FILE LAST UPDATED: 17 DEC 2007 <20071217/UP>
FILE COVERS 1977 TO DATE.

>>> SIMULTANEOUS LEFT AND RIGHT TRUNCATION IS AVAILABLE IN THE BASIC INDEX (/BI) FIELD <<<

FILE DISSABS
FILE COVERS 1861 TO 29 NOV 2007 (20071129/ED)

FILE HOME

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FILE COVERS 1907 - 19 Dec 2007 VOL 147 ISS 26
FILE LAST UPDATED: 18 Dec 2007 (20071218/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

http://www.cas.org/infopolicy.html

Only patent citations retrieved
Ans. set limited to those dated prior to 2004

L3 5 S L2
L4 5 S L3 AND PATENT/DT
L5 4 S L4 AND (PY<2004 OR AY<2004 OR PRY<2004)

E1 THROUGH E82 ASSIGNED

L5 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN
ED Entered STN: 03 Jun 2005
ACCESSION NUMBER: 2005:472166 CAPLUS Full-text
DOCUMENT NUMBER: 143:7828
TITLE: Preparation, antibacterial activity and plant protection properties of N-(silylaryl)-substituted carboxamides
INVENTOR(S): Dunkel, Ralf; Elbe, Hans-Ludwig; Hartmann, Benoit; Klausener, Alexander; Greul, Joerg Nico; Wachendorff-Neumann, Ulrike; Dahmen, Peter; Kuck, Karl-Heinz
PATENT ASSIGNEE(S): Bayer Cropscience Aktiengesellschaft, Germany
SOURCE: PCT Int. Appl., 61 pp.
CODEN: PIXXD2
DOCUMENT TYPE: **Patent**
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005049624	A1	20050602	WO 2004-EP12590 <--	20041106
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10354607	A1	20050616	DE 2003-10354607 <--	20031121
CA 2546638	A1	20050602	CA 2004-2546638	20041106

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EP 1687315	A1	20060809	EP 2004-797688	20041106
			<--	
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS				
CN 1882596	A	20061220	CN 2004-80034187	20041106
			<--	
BR 2004016200	A	20061226	BR 2004-16200	20041106
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JP 2007511555	T	20070510	JP 2006-540234	20041106
			<--	
IN 2006DN02198	A	20070713	IN 2006-DN2198	20060421
			<--	
MX 2006PA05529	A	20060817	MX 2006-PA5529	20060516
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US 2007191454	A1	20070816	US 2007-579033	20070122
			<--	
PRIORITY APPLN. INFO.:			DE 2003-10354607 A	20031121
			<--	
			WO 2004-EP12590 W	20041106

OTHER SOURCE(S): CASREACT 143:7828; MARPAT 143:7828

AB Carboxamides, containing trimethylsilyl group attached to N-aryl substituent, were prepared as potential antibacterial and antifungal agents for plant and material protection. Compds. A-C(O)NH-2-(LSiMe3)C6H3R [A = (un)substituted (hetero)aryl, heterocyclyl, preferably A = 2-halophenyl, 2-[(fluoro)methyl]phenyl, substituted 4-pyrazolyl, (dihydro)furanyl, pyrazinyl, pyridinyl; R = H, F, Cl, Me, iPr, MeS, CF3, preferably R = H, 4- or 5-CF3, 4-, 5- or 6-F; L is connecting bivalent group, such as (CH2)2, (CH2)3, CHMe, CHMeCH2, CH:CH, CMe:CH, C.tplbond.C] were prepared by reaction of A-COCl with 0.8-8 mol. equiv of silylated anilines H2NC6H3R-2-LSiMe3 (same A, R, L) in inert organic solvent at 10-80° in the presence of 1-3 mol. equiv of (in)organic bases, such as metal carbonates or amines. The prepared silylated carboxamides were tested as plant protectors, active against Venturia inaequalis, Sphaerotheca fuliginea and Puccinia recondita.

IT **852342-51-9P 852342-83-7P 852342-99-5P**
852343-11-4P 852343-23-8P 852343-48-7P
852343-62-5P 852344-61-7P 852344-73-1P
RL: BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(preparation of carbamoyl-arylethyl silanes as antibacterial agents for plant and material protection)

IT **852342-67-7P 852343-35-2P 852343-76-1P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of carbamoyl-arylethyl silanes as antibacterial agents for plant and material protection)

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN
ED Entered STN: 05 Mar 2004
ACCESSION NUMBER: 2004:182852 CAPLUS Full-text
DOCUMENT NUMBER: 140:235719
TITLE: Preparation of triazolylcarboxylic acid derivatives with antifungal activity for agricultural use
INVENTOR(S): Ehrenfreund, Josef; Tobler, Hans; Walter, Harald
PATENT ASSIGNEE(S): Syngenta Participations A.-G., Switz.
SOURCE: PCT Int. Appl., 82 pp.

CODEN: PIXXD2

DOCUMENT TYPE: **Patent**

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004018438	A2	20040304	WO 2003-EP9111 <--	20030818
WO 2004018438	A3	20040826		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
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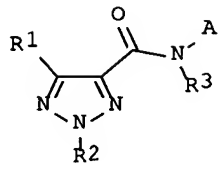
AU 2003253417	A1	20040311	AU 2003-253417 <--	20030818
EP 1539717	A2	20050615	EP 2003-792351 <--	20030818
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2003013686	A	20050621	BR 2003-13686 <--	20030818
CN 1678593	A	20051005	CN 2003-819890 <--	20030818
JP 2006502244	T	20060119	JP 2005-501204 <--	20030818
EG 23485	A	20051205	EG 2003-821 <--	20030820
IN 2004CN03147	A	20060217	IN 2004-CN3147 <--	20041231
MX 2005PA01819	A	20050419	MX 2005-PA1819 <--	20050215
US 2006154967	A1	20060713	US 2005-524721 <--	20050216

PRIORITY APPLN. INFO.:			GB 2002-19612 <--	A 20020822
			GB 2003-10464 <--	A 20030507
			WO 2003-EP9111 <--	W 20030818

OTHER SOURCE(S): MARPAT 140:235719

GI



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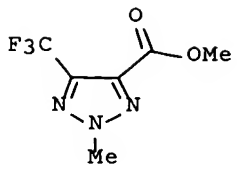

II

AB Title compds. I [A = ortho-substituted aryl or heteroaryl ring system; R1 = halo, CN, NO2, alkyl, haloalkyl, alkoxy, haloalkoxy, (un)substituted alkene, etc.; R2 = alkyl, haloalkyl, alkoxyalkyl, etc.; R3 = H, (un)substituted-alkyl, -propargyl, -alkoxy, etc.] were prepared and disclosed as having antifungal activity. Thus, e.g., II was prepared via methylation of 1,2,3-triazole-4,5-dicarboxylic acid di-Me ester, with subsequent monohydrolysis and fluorination of the carboxylic acid moiety to the trifluoromethyl moiety. I were tested against 9 different agriculturally relevant fungi with varying degrees of efficacy observed Addnl., a composition of I with a suitable carrier for controlling microorganisms and preventing attack and infestation of plants therewith is claimed.

IT **668491-42-7P 668491-43-8P 668491-58-5P 668491-59-6P**
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(target compound; preparation of triazolylcarboxylic acid derivs. with antifungal activity)

L5 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN
ED Entered STN: 03 Oct 2003
ACCESSION NUMBER: 2003:777810 CAPLUS Full-text
DOCUMENT NUMBER: 139:277000
TITLE: Siliconated phenyl amides derivatives useful as microbiocide
INVENTOR(S): Ehrenfreund, Josef; Jung, Pierre Joseph Marcel; Tobler, Hans; Walter, Harald
PATENT ASSIGNEE(S): Syngenta Participations A.-G., Switz.
SOURCE: PCT Int. Appl., 42 pp.
CODEN: PIXXD2
DOCUMENT TYPE: **Patent**
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003080628	A1	20031002	WO 2003-IB1110 <--	20030321

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
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NE, SN, TD, TG

CA 2477396	A1	20031002	CA 2003-2477396 <--	20030321
AU 2003212576	A1	20031008	AU 2003-212576 <--	20030321
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EP 1490378	A1	20041229	EP 2003-708401 <--	20030321

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JP 2005520863	T	20050714	JP 2003-578382 <--	20030321
CN 1642963	A	20050720	CN 2003-806592 <--	20030321
EG 23440	A	20050903	EG 2003-286 <--	20030326
ZA 2004006466	A	20050912	ZA 2004-6466 <--	20040813
MX 2004PA09207	A	20041126	MX 2004-PA9207 <--	20040922
US 2005182107	A1	20050818	US 2004-509607 <--	20040927

PRIORITY APPLN. INFO.: GB 2002-7253 A 20020327 <--
WO 2003-IB1110 W 20030321 <--

OTHER SOURCE(S): CASREACT 139:277000; MARPAT 139:277000

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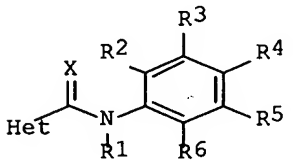

I

AB The preparation of title compds., I (Het = 5- or 6-membered heterocyclic ring containing one to three heteroatoms, each independently selected from O, N, and S, the ring being substituted by groups R7, R8, R9; R1 = H, (C1-4)alkylC(:O), (C1-4)alkylC(:O)O, (C1-4)alkoxy(C1-4)alkyl, substituted allyl, substituted propargyl or substituted allenyl; R2, R3, R4, R5 = H, halo, (C1-4)alkoxy(C1-4)alkoxy, (C1-4)alkoxy(C1- 4)alkyl; R6 = C1-13 group containing at least one silicon atom and, 1-3 heteroatoms, each independently selected from O, N, S, and is substituted by 1-4 independently selected halogen atoms; R7, R8, R9 = H, halo, C1-3 alkyl, C1-3 haloalkyl, C1-3alkoxy(C1-3)alkyl, cyano, where at least one of R7, R8, R9 is not hydrogen; X = O, S; or an N-oxide thereof; and when present, each optional substituent on alkyl moieties, allyl, propargyl and allenyl is, independently, selected. from halo, OH, cyano, MeO2CO, EtO2CO, MeO, EtO, methylsulfonyl, ethylsulfonyl, diflouromethoxy, trifluoromethoxy, trifluorothiomethoxy), useful as fungicides, is described. The activity of prepared compds. were tested against Puccinia recondita (wheat), Podosphaera leucotricha (apple), Venturia inaequalis (apple),

Erysiphe graminis (barley), Botrytis cinerea (tomato), and Septoria nodorum (wheat).

IT **607374-54-9P 607374-55-0P 607374-56-1P**
607374-57-2P 607374-58-3P 607374-59-4P
607374-60-7P 607374-61-8P 607374-62-9P
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607374-66-3P 607374-67-4P 607374-68-5P
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RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation and fungicidal activity of siliconated Ph amides derivs.)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN
ED Entered STN: 28 Sep 2001
ACCESSION NUMBER: 2001:713292 CAPLUS Full-text
DOCUMENT NUMBER: 135:272754
TITLE: Preparation of insecticidal anthranilamides
INVENTOR(S): Lahm, George P.; Myers, Brian J.; Selby, Thomas P.; Stevenson, Thomas M.
PATENT ASSIGNEE(S): E. I. Du Pont de Nemours & Co., USA
SOURCE: PCT Int. Appl., 211 pp.
CODEN: PIXXD2
DOCUMENT TYPE: **Patent**
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001070671	A2	20010927	WO 2001-US9338 <--	20010320
WO 2001070671	A3	20020214		

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EP 1265850	B1	20070103		

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HU 2003000263	A2	20030628	HU 2003-263 <--	20010320
JP 2003528070	T	20030924	JP 2001-568883 <--	20010320
NZ 520728	A	20030926	NZ 2001-520728 <--	20010320
RU 2278852	C2	20060627	RU 2002-128150 <--	20010320
EP 1700845	A1	20060913	EP 2006-12017 <--	20010320

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ES 2278738	T3	20070816	ES 2001-1924277 <--	20010320
ZA 2002006148	A	20031105	ZA 2002-6148 <--	20020801
IN 2002MN01167	A	20050304	IN 2002-MN1167 <--	20020827
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US 6747047	B2	20040608		
KR 741632	B1	20070723	KR 2002-712474 <--	20020919
MX 2002PA09207	A	20030523	MX 2002-PA9207 <--	20020920
US 2004142984	A1	20040722	US 2003-698643 <--	20031031
US 6995178	B2	20060207		
US 2006079561	A1	20060413	US 2005-199830 <--	20050809

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US 2002-220450 <--	A3	20020828

US 2003-698643 A3 20031031
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OTHER SOURCE(S): MARPAT 135:272754
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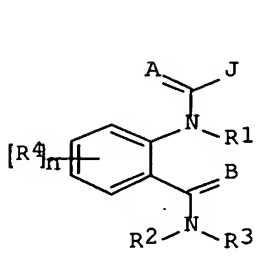

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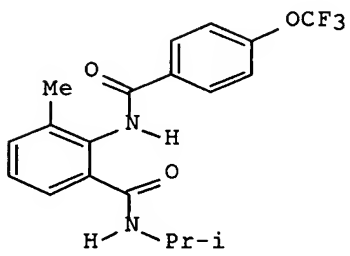

II

AB The title compds. [I; A, B = O, S; J = substituted Ph, naphthyl, (un)substituted 5-6 membered heteroarom., aromatic 8-10 membered fused heterobicyclic ring; n = 1-4; R1 = H, alkyl, alkenyl, etc.; R2 = H, alkyl, alkoxy, etc.; R3 = H, alkyl, cycloalkyl, etc.; R4 = H, alkyl, halo, etc.], useful for controlling arthropods, were prepared E.g., a multi-step synthesis of II which showed excellent level of plant protection (10% or less feeding damage) in test with diamondback moth (DBM), was given.

IT **362639-08-5P**
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of insecticidal anthranilamides)

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